

IAP7 Rec'd PCT/PTO 17 APR 2006

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

CRPI-101

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

10/576105INTERNATIONAL APPLICATION NO.
PCT/FR2004/002656INTERNATIONAL FILING DATE
18 October 2004PRIORITY DATE CLAIMED
17 October 2003**TITLE OF INVENTION**

PLASMA SOURCE OF DIRECTED BEAMS AND APPLICATION THEREOF TO MICROLITHOGRAPHY

APPLICANT(S) FOR DO/EO/US

Peter CHOI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND OR SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)). (verified)
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). ** (verified)
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment. (15 pages)
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification. (attached to a red-ink marked-up version of the English language translation)
15. A change of power of attorney and/or address letter.
16. Other items or information:
 - Form PCT/IB/301
 - Form PCT/IB/304
 - Form PCT/IB/308
 - Transmittal of Substitute Specification (2 pages)
 - Certificate of Mailing by Express Mail (2 pages)
 - Return Receipt Postcard

EXPRESS MAIL NO.: EV842850291US
 MAILED: 17 April 2006
 Customer No.: 42419

U.S. APPLICATION NO. (Unknown see 37 CFR 1.2)		INTERNATIONAL APPLICATION NO. PCT/FR2004/002656	ATTORNEY'S DOCKET NUMBER CRPI-101
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS	PTO USE ONLY
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):			
Basic National Filing Fee \$ 300.00 National Stage Search Fee \$ 500.00 National Stage Examination Fee \$ 200.00			
ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 1,000.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	*45 - 20 =		X \$50.00 \$ 1,250.00
Independent claims	*2 - 03 =		X \$200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00	
TOTAL OF ABOVE CALCULATIONS = \$ 2,250.00			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			
SUBTOTAL = \$ 2,250.00			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			
TOTAL NATIONAL FEE = \$ 2,250.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			
TOTAL FEES ENCLOSED = \$ 2,250.00			
* Based upon entry of the First Preliminary Amendment.		Amount to be: refunded	\$
		charged	\$
a. <input checked="" type="checkbox"/>	A check in the amount of \$ <u>2,250.00</u> to cover the above fee is enclosed.		
b. <input type="checkbox"/>	Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.		
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-3550</u> . A duplicate copy of this sheet is enclosed.		
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.			
 <hr/> SIGNATURE Nick C. Kottis			
<hr/> NAME 31,974			
<hr/> REGISTRATION NUMBER			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter CHOI

Title: PLASMA SOURCE OF DIRECTED BEAMS AND
APPLICATION THEREOF TO
MICROLITHOGRAPHY

Based Upon: PCT/FR2004/002656

Express Mail No.: EV842850291US

Date of Deposit: 17 April 2006

Customer No.: 42419

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following requisites of the subject patent application are being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EV842850291US, on 17 April 2006, and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, together with the items listed below.

- Transmittal Letter (Form PTO-1390), in duplicate
- Verified English language translation of the International Application

Based Upon: PCT/FR2004/002656

- First Preliminary Amendment (15 pages)
- Transmittal of Substitute Specification (2 pages)
- Substitute Specification attached to red ink marked-up copy of the verified English language translation
- Form PCT/IB/301
- Form PCT/IB/304
- Form PCT/IB/308
- A check in the amount of 2,250.00 to cover the fees set forth in the Transmittal Letter
- Return Receipt Postcard

Respectfully submitted,



Nick C. Kottis
Registration No. 31,974

Pauley Petersen & Erickson
2800 West Higgins Road; Suite 365
Hoffman Estates, Illinois 60195
TEL (847) 490-1400
FAX (847) 490-1403

10/576105

IAP15 Rec'd PCT/PTO 17 APR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter CHOI

Title: PLASMA SOURCE OF DIRECTED
BEAMS AND APPLICATION
THEREOF TO MICROLITHOGRAPHY

Based Upon: PCT/FR2004/002656

Express Mail No.: EV842850291US

Date of Deposit: 17 April 2006

Customer No.: 42419

TRANSMITTAL OF SUBSTITUTE SPECIFICATION

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant has enclosed a Substitute Specification attached to a red ink marked-up copy of the verified English language translation of PCT International Application PCT/FR2004/002656. The red ink identifies changes to the verified English language translation which are incorporated in the Substitute Specification.

The Substitute Specification includes general revisions to correct idiomatic translational errors and to provide proper headings. The undersigned states that the Substitute Specification contains no new matter.

10/576105

IAP15 Rec'd PCT/PTO 17 APR 2006

Based Upon: PCT/FR2004/002656

Applicant sincerely believes that this patent application is now in condition for prosecution before the U.S. Patent and Trademark Office.

Respectfully submitted,



Nick C. Kottis
Registration No. 31,974

Pauley Petersen & Erickson
2800 West Higgins Road; Suite 365
Hoffman Estates, Illinois 60195
TEL (847) 490-1400
FAX (847) 490-1403